



Attorney's Docket No.5405-239

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: R. Williams

Serial No.: 09/698,870

Filed: 09/698,870

Group Art Unit: July 26, 2002

Examiner: J. Souaya

For: *USE OF POLYMORPHISM OF THE SEROTONIN TRANSPORTER GENE
PROMOTER AS A PREDICTOR OF DISEASE RISK*

Commissioner for Patents
Washington, DC 20231

TECH CENTER 1600/2900

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Amendment and Response

This is in response to the Official Action of July 26, 2002.

Please enter the following amended claims:

1 (amended). A method of screening human subjects for increased risk of disease in response to stimulus that induces a physiological stress response in said subject, said method comprising:

determining the presence of at least one serotonin transporter gene promoter long allele in a human subject;

the presence of at least one long allele serotonin transporter gene promoter genotype indicating that said human subject is at increased risk of disease in response to stress.

6 (amended). A method of screening human subjects for increased risk of infectious disease, said method comprising:

determining the presence of at least one serotonin transporter gene promoter long allele in a human subject;

the presence of at least one long allele serotonin transporter gene promoter genotype indicating that said human subject is at increased risk of infectious disease.